

14

# Swarthmore College.

SECOND

ANNUAL CATALOGUE,

1870-71.

PHILADELPHIA:  
MERRIHEW & SON, PRINTERS,  
243 Arch Street.  
1871.

Digitized by the Internet Archive  
in 2017 with funding from

This project is made possible by a grant from the Institute of Museum and Library Services as administered by the Pennsylvania Department of Education through the Office of Commonwealth Libraries

# Swarthmore College.

---

SECOND

ANNUAL CATALOGUE,

---

1870-71.

---

PHILADELPHIA:  
MERRIHEW & SON, PRINTERS,

243 Arch Street.

1871.

# Corporation.

---

## Officers.

---

### CLERKS,

CLEMENT M. BIDDLE,

EDITH W. ATLEE.

### BOARD OF MANAGERS,

WILLIAM DORSEY,

ISAAC STEPHENS.

EDWARD HOOPES,

HUGH McILVAIN,

CLEMENT BIDDLE,

S. B. WORTH,

BARTON HOOPES,

RACHEL T. JACKSON,

LETITIA S. CADWALLADER,

MARTHA G. McILVAIN,

ANNA M. HOPPER,

ELIZABETH S. WORTH,

JANE P. DOWNING,

MARY S. PANCOAST,

JOSEPH WHARTON,

EDWARD TAYLOR,

SAMUEL WILLETS,

DANIEL UNDERHILL.

EDWARD MERRITT,

ELWOOD BURDSALL,

JOHN D. HICKS,

CHARLES T. BUNTING,

WILLIAM H. MACY,

HANNAH W. HAYDOCK,

CAROLINE UNDERHILL,

ELIZA H. BELL,

MARGARET G. CORLIES,

LOUISA M. STABLER,

B. RUSH ROBERTS,

HENRY C. HALLOWELL,

REBECCA TURNER,

ELIZABETH T. YARDLEY.

### TREASURER,

WM. CANBY BIDDLE,

No. 509 Commerce Street, Philadelphia.

### RECEIVERS,

SAMUEL WILLETS,

Pearl Street, New York.

CLEMENT M. BIDDLE,

No. 509 Commerce Street, Philadelphia.

GERARD H. REESE,

Pratt Street, Baltimore.

# Officers and Committees of the Board.

---

## *PRESIDENT.*

SAMUEL WILLETS.

## *SECRETARY.*

CLEMENT M. BIDDLE.

## *AUDITORS.*

CLEMENT BIDDLE,

ISAAC STEPHENS.

## *FINANCE.*

WILLIAM DORSEY,

EDWARD HOOPES,

CLEMENT M. BIDDLE.

## *BUILDING.*

HUGH McILVAIN.

EDWARD HOOPES,

ELWOOD BURDSALL,

BARTON HOOPES,

S. B. WORTH.

## *EXECUTIVE COMMITTEE.*

EDWARD HOOPES,

RACHEL T. JACKSON.

HUGH McILVAIN,

ANNA M. HOPPER,

WM. DORSEY,

ELIZABETH S. WORTH,

CLEMENT BIDDLE,

MARTHA G. McILVAIN,

S. B. WORTH,

JANE P. DOWNING,

DANIEL UNDERHILL.

HANNAH W. HAYDOCK,

JOHN D. HICKS,

MARGARET G. CORLIES,

BARTON HOOPES,

CAROLINE UNDERHILL.

# Members of the Faculty

AND OTHER OFFICERS.

---

EDWARD PARRISH,\*

President, and Professor of Ethics, Chemistry and Natural Science.

EDWARD H. MAGILL, A. M.,

Principal, and Professor of the Latin and French Language and Literature.

PHEBE W. FOULKE,

Matron.

WILLIAM B. PHILLIPS, A. M.,

Professor of the Greek and German Languages.

MARIA L. SANFORD,

Professor of History.

---

Professor of Mathematics.†

THOMAS S. FOULKE,

Superintendent.

\* Resigned at the close of the First Term.

† The duties of this chair are, at present, performed by Susan J. Cunningham.

EMILY HALLOWELL,

Teacher of English Branches.

SUSAN J. CUNNINGHAM,

Teacher of Mathematics.

SUSAN W. JANNEY,

Teacher of Penmanship and Botany.

ELIZABETH G. MACY,

Teacher of Vocal Culture and Reading.

ELIZABETH W. CABEEN,

Teacher of French.

ANNA W. BARNARD,

Teacher of English Branches.

MARY L. AUSTIN,

Teacher of Latin and History.

EDWARD PARRISH, JR.,

Teacher of Physics and Mechanical Drawing

EDWARD J. HALLOCK, A. M.,

Teacher of Chemistry and Natural Philosophy.

MARY ANN FULTON,

Teacher of English Branches.

WALTER WOOD, A. B.,

Teacher of Latin and of English Branches.

THOMAS W. LAMB, A. M., M. D.,

Teacher of Chemistry and Natural Philosophy.

---

## NON-RESIDENT OFFICERS.

JOSEPH LEIDY, M. D., LL.D.,

Professor of Natural History.

SUSANNA P. CHAMBERS,

Teacher of Free-hand Drawing

WILLIAM E. KERN,

Teacher of Mechanical Drawing.



# Students.

---

## COLLEGIATE DEPARTMENT.

---

### SOPHOMORE CLASS.

Acton, Sarah Hall, . . . . .	Salem, N. J.
Booth, George Martin, . . . . .	Chester.
Carpenter, Margaret Hagan, . . . . .	Rye, N. Y.
Chandlee, Henry, . . . . .	Still Pond, Md.
Conrow, Joseph Darnall, . . . . .	Philadelphia.
Field, Phebe Anna, . . . . .	Port Chester, N. Y.
Griffen, Jeannie Haydock, . . . . .	New York City.
Hilliard, Joseph Bernard, . . . . .	Salem, N. J.
Irish, David A., . . . . .	Quaker Hill, N. Y.
Magill, Helen, . . . . .	Swarthmore College.
Miller, Elizabeth Clarke, . . . . .	Morris, N. Y.
Moore, Hetty Townsend, . . . . .	Sandy Spring, Md.
Painter, Annie, . . . . .	West Chester.
Pancoast, James Walter, . . . . .	Sharpstown, N. J.
Parrish, Samuel Franklin, . . . . .	Philadelphia.
Paschall, Alfred, . . . . .	West Chester.
Paschall, Samuel Edward, . . . . .	West Chester.
Pierce, Lydia Maria Child, . . . . .	Pleasantville, N. Y.
Taylor, Lowndes, . . . . .	West Chester.
Willets, Amy, . . . . .	Jericho, N. Y.
Willets, Jane Rushmore, . . . . .	Jericho, N. Y.
Worth, John Sharpless, . . . . .	Coatesville.

### FRESHMAN CLASS.

Antrim, Ella Wandell, . . . . .	Kensico, N. Y.
Byerly, Martha Gibson, . . . . .	Orange, N. J.
Cock, Effingham Moses, . . . . .	Chappaqua, N. Y.

Courow, George E. B., . . . . .	Philadelphia.
Evans, Ellen H., . . . . .	West Chester.
Deacon, Joseph F., . . . . .	Mount Holly, N. J.
Fairlamb, Joseph Maris, . . . . .	Media.
Griffen, Elizabeth Valentine, . . . . .	Brooklyn, N. Y.
Hall, Amy Williams, . . . . .	Swarthmore.
Haviland, Alfred Treadway, . . . . .	Millbrook, N. Y.
Hibbard, Mary, . . . . .	Hestonville.
Hoopes, Herman, . . . . .	Philadelphia.
Jenks, Oliver Martin, . . . . .	Philadelphia.
Letchworth, Elizabeth Thornton, . . . . .	Philadelphia.
Lippincott, Mary Ogden, . . . . .	Salem, N. J.
Lippincott, William Thorne, . . . . .	Moorestown, N. J.
Lukens, Annie Mary, . . . . .	Kulpsville.
Merritt, Alfred, . . . . .	Brooklyn, N. Y.
Price, Ferris Walton, . . . . .	New Brighton.
Procter, Mary Goldsmith, . . . . .	Philadelphia.
Roberts, Mary French, . . . . .	Fellowship, N. J.
Rogers, Ellen, . . . . .	Mount Holly, N. J.
Smith, Mary Isabell, . . . . .	Lambertville, N. J.
Steele, John Hall, . . . . .	Pottstown.
Sutton, Charles Thomas, . . . . .	Mount Kisco, N. Y.
Sutton, Ella, . . . . .	Mt. Washington, Md.
Valentine, Stephen, Jr., . . . . .	Brooklyn, N. Y.
Williams, Frank Howard, . . . . .	Buckingham.
Woolston, Elizabeth Stockton, . . . . .	Mt. Washington, Md.



# PREPARATORY DEPARTMENT.

## CLASS A.

Atkinson, Fannie Newlin,	Philadelphia.
Baker, Anna,	Deal, N. J.
Barnes, Ida Platte,*	Richmond, Ind.
Battelle, Mary Fuller,	Philadelphia.
Benton, Jessie Sarah,	Richmond, Ind.
Bilderback, Alfred,	Salem, N. J.
Boone, Harriet Hughes,	St. Clair.
Booth, John Broomall,	Chester.
Bowne, Ella Frost,	Glencove, N. Y.
Cadwallader, Lillie Yardley,	Yardleyville.
Carey, Sallie Margaret,	Milton, Del.
Cavender, Mary,	Philadelphia.
Chalfant, Charles Edgar,	Media.
Clark, Ella,	Woodstown, N. J.
Conrow, William Henry,	Philadelphia.
Cooke, Ruth,	Waynesville, O.
Cooke, Samuel Boone,	Waynesville, O.
Cooper, William Alfred,	Philadelphia.
Corlies, Franklin Haines,	Poughkeepsie, N. Y.
Cowdrey, Harry,	New York City.
Cowgill, Alice Clark,	Dover, Del.
Cromwell, Daniel,	Brooklyn, N. Y.
Ely, Elizabeth Forosagene,	Lambertville, N. J.
Evans, David,	Waynesville, O.
Field, Fannie Ellis,	Brooklyn, N. Y.
Gillam, Joseph Richardson,	Attleboro'.
Gilkyson, Joseph Roman,	Yardleyville.
Grange, Ella Virginia,	Philadelphia.
Green, Serena Bremer,	Philadelphia.
Griffen, Walter Haydock,	New York City.

---

\* Deceased.

Hallowell, Elizabeth Williams,	Horsham.
Hallowell, Ellen Lloyd,	Huntingdon Valley.
Hallowell, Emma Lloyd,	Huntingdon Valley.
Hallowell, Mary Jarrett,	Huntingdon Valley.
Hallowell, Morris Longstreth, Jr.,	Shoemakertown.
Hancock, Lydia Lippincott,	Philadelphia.
Hanes, Lizzie,	Woodstown, N. J.
Hannum, Robert Marshall,	Kennett Square.
Harrison, Annie P.,	Cedarville, O.
Hawkins, John Howard,	Media.
Heilner, Benjamin Franklin,	Tamaqua.
Hooper, Edith Robinson,	Titusville.
Hoopes, Barton, Jr.,	Philadelphia.
Jones, Anne Gest,	Thornbury.
Lewis, John Reece,	Media.
Linton, Mary,	Foxchase.
Lippincott, Howard White,	Philadelphia.
Lippincott, Israel Franklin,	Marlton, N. J.
Lord, Ellen,	Orange, N. J.
Magill, Eudora,	Swarthmore College.
Mattson, Thomas Levi,	Philadelphia.
Merritt, Albert Akin,	Poughkeepsie, N. Y.
Michener, Agnes,	New Hope.
Morrell, Marianna,	Mamaroneck, N. Y.
Mott, Edmund Kirby,	Roslyn, N. Y.
Mulford, Mary Busby,	Millville, N. J.
Noble, Franklin,	Jenkintown.
Norcross, Sallie D.,	Philadelphia.
Pancoast, Ada Byron,	Philadelphia.
Parrish, Elizabeth Hunt,	Philadelphia.
Rittenhouse, Ella Warner,	Rising Sun, Md.
Roberts, Susan Abbott,	Burlington, N. J.
Satterthwait, John Jackson,	Crosswicks, N. J.
Satterthwait, Lydia Paal,	Jenkintown.
Satterthwaite, Andrew Ridgway,	Trenton, N. J.
Scull, Anna Malandra,	Woodstown, N. J.
Stubbs, Ida Ella,	Nottingham.
Titus, Samuel Townsend,	Glencove, N. Y.
Trump, Eleanor Tyson,	Baltimore, Md.
Valentine, Richard Kirk,	Brooklyn, N. Y.
Wharton, Susanna Parrish,	Philadelphia.

Wharton, William Rodman, . . . . .	Philadelphia.
White, Daniel Smith, . . . . .	Juliustown, N. J.
Whitson, Oliver, . . . . .	Flushing, N. Y.
Wilson, Thomas Williams, Jr., . . . . .	Dover, Del.
Wood, Rachel Augusta, . . . . .	Conshohocken.

**CLASS B.**

Acuff, Annie Rhoads, . . . . .	Gwynedd.
Baeder, William Adamson, . . . . .	Jenkintown.
Bartleson, Linda Viola, . . . . .	Wrightstown.
Bedell, Emma, . . . . .	Norristown.
Bentley, Edward Needles, . . . . .	Sandy Spring, Md.
Biddle, Anne, . . . . .	Chaddsford.
Bowne, Watson Honewell, . . . . .	West Chester, N. Y.
Broomall, John Martin, Jr., . . . . .	ThurLOW.
Bunting, George Miller, . . . . .	Darby.
Cadwallader, William Yardley, . . . . .	Yardleyville.
Canby, Laura, . . . . .	Mt. Washington, Md.
Cassin, Eliza Hunter, . . . . .	Philadelphia.
Cavender, Charles, . . . . .	Philadelphia.
Comly, Helen Trump, . . . . .	Byberry.
Comly, Rachel Ridge, . . . . .	Holmesburg.
Davis, Maybell Paulina, . . . . .	Providence, R. I.
Elliott, Mary Platt, . . . . .	Wilmington, Del.
Ervien, Henry Melville, . . . . .	Philadelphia.
Evans, Rebecca Thomas, . . . . .	Media.
Fairlamb, Thomas Howard, . . . . .	Media.
Foulke, Abigail Walton, . . . . .	Spring House.
Fuller, Henry Carrington, . . . . .	New York City.
Gillingham, Benjamin H., . . . . .	Moorestown, N. J.
Godet, Rachel Barker, . . . . .	Philadelphia.
Hall, Charles Jones, . . . . .	Hestonville.
Harbaugh, Caroline Mary, . . . . .	Sewickley.
Harbaugh, Sophronia Elizabeth, . . . . .	Sewickley.
Harris, Catherine Rowland, . . . . .	Philadelphia.
Hunt, David, . . . . .	Catasauqua.
Jamison, Kate, . . . . .	Philadelphia.
John, Clarence Pennock, . . . . .	Schuylkill.
Kelly, Levi Hatton, . . . . .	Waynesville, O.
Lippincott, William Vinicum, . . . . .	Washington,

Longstreth, Elizabeth Jackson, . . . . .	Darby.
Magill, Chalkley Harvey, . . . . .	New Hope.
Merritt, Daniel Tobey, . . . . .	Millbrook, N. Y.
Middleton, Arthur Howel, . . . . .	Philadelphia.
Miller, Ellen, . . . . .	Media.
Mitchell, Edwin, Jr., . . . . .	Philadelphia.
Ogden, Clement Reeves, . . . . .	Woodbury, N. J.
Ovatt, Eugenia Estella, . . . . .	Bennington Centre, Vt.
Partridge, Frank, . . . . .	Philadelphia.
Phillips, William Hunt, . . . . .	Kennett Square.
Poole, William, . . . . .	Wilmington, Del.
Richards, John Kelvey, . . . . .	Ironton, O.
Roberts, John S., Jr., . . . . .	Brooklyn, N. Y.
Rowland, William Eves, . . . . .	Media.
Rowlett, Morris Longstreth, . . . . .	Montgomery Square.
Rutter, Hester Kniffen, . . . . .	Philadelphia.
Saunders, Edward Hicks, . . . . .	Camden, N. J.
Schofield, Charles Jonathan, . . . . .	Indianapolis, Ind.
Sloan, Rachel, . . . . .	Philadelphia.
Smedley, Mary Martin, . . . . .	Willistown.
Smith, William Tabor, . . . . .	Brooklyn, N. Y.
Steel, Gibson North, . . . . .	Philadelphia.
Steward, Lavinia, . . . . .	Swarthmore.
Stubbs, Daniel Alfred, . . . . .	Nottingham.
Thomas, Edwin, . . . . .	Catasauqua.
Thomas, Wethered Brothers, . . . . .	Baltimore, Md.
Tomlinson, Evans Hutchins, . . . . .	Mt. Holly, N. J.
Tomkinson, Maggie Skillman, . . . . .	Philadelphia.
Townsend, Elizabeth, . . . . .	Cornwall, N. Y.
Troth, Oliver, . . . . .	Medford, N. J.
Twining, Rebecca Roman, . . . . .	Yardleyville.
Walker, Richard Lawrence, . . . . .	New York City.
Walter, Emile, . . . . .	Englewood, N. J.
Watson, Isabella Grier, . . . . .	Sewickley.
Willis, Ella Cora, . . . . .	Philadelphia.
Willits, Mary, . . . . .	Maiden Creek.
Wills, Benajah Powell, . . . . .	Marlton, N. J.
Wills, Zebedee M., . . . . .	Marlton, N. J.
Wimer, Caroline, . . . . .	Philadelphia.
Wood, Rosalind Hood, . . . . .	Philadelphia.
Worth, William Penn, . . . . .	Coatesville.
Yarnall, Maggie Thomas, . . . . .	Media.

**CLASS C.**

Battelle, Frederick Cutler,	Philadelphia.
Battelle, William Smull,	Philadelphia.
Bowne, Sarah Louisa,	West Chester, N. Y.
Bunting, Harry Mulford,	Philadelphia.
Bunting, John Antrim,	New York City.
Cake, Edward Knight,	Cape May, N. J.
Cassin, Isaac Sharpless,	Philadelphia.
Cassin, John,	Philadelphia.
Comly, Franklin Ayers, Jr.,	White Marsh.
Cromwell, Everett,	Brooklyn, N. Y.
Davison, Alexander Young,	Morton.
Davison, Lewis,	Morton.
Evans, Richard Watson,	Philadelphia.
Evans, Thomas Wiltberger,	Philadelphia.
Fetterman, Thomas Moore,	Philadelphia.
Field, Henry Cromwell,	Brooklyn, N. Y.
Garrett, Catharine Woolaston,	Wilmington, Del.
Griscom, Samuel Hewens,	Marlton, N. J.
Guiterman, Joseph Alexander,	Port Carbon.
Hall, Harrison Clark,	Swarthmore.
Hoge, Mary James,	Mt. Pleasant, O.
Jackson, Isabella H.,	Jamaica, N. Y.
Jewett, William Kennon,	Steubenville, O.
Linderman, Henry Richard,	Philadelphia.
Magill, Beatriee,	Swarthmore College.
Magill, Francis Gardner,	Swarthmore College.
Magill, Gertrude Burleigh,	Swarthmore College.
Matthews, Sarah H.,	Mt. Washington, Md.
McCullough, Robert,	Centreville, Del.
Mitchell, Franklin Sibley,	Philadelphia.
Ogden, Samuel Rhoads,	Oakdale.
Pancoast, Albert,	Alameda, Cal.
Pancoast, Annie,	Alameda, Cal.
Parrish, Hugh Roberts,	Burlington, N. J.
Paterson, Edward William,	West Chester, N. Y.
Paterson, Frank,	West Chester, N. Y.
Patterson, James Robert,	Philadelphia.
Paxson, Antony Burton,	Philadelphia.



Perot, Francis, Jr., . . . . .	Philadelphia.
Reese, William Kirke, . . . . .	Philadelphia.
Roberts, Rebecca Hunt, . . . . .	Burlington, N. J.
Saylor, Horace, . . . . .	Conshohocken.
Seholl, Mary Dilworth, . . . . .	West Philadelphia.
Sharp, Benjamin, . . . . .	Philadelphia.
Sharp, Leedom, . . . . .	Philadelphia.
Shedwick, George Washington, . . . . .	West Philadelphia.
Shedwick, Henry Clay, . . . . .	West Philadelphia.
Shoemaker, Benjamin Hallowell, Jr., . . . . .	Philadelphia.
Smith, George Peyton, . . . . .	Philadelphia.
Taney, Priscilla, . . . . .	Swarthmore.
Walker, Sally C., . . . . .	Philadelphia.
Willets, Walter Restore Jones, . . . . .	Old Westbury, N. Y.
Wimer, William Woodfield, . . . . .	Philadelphia.
Wisler, Martin Isaee, . . . . .	Philadelphia.
Wood, Thomas Dewees, . . . . .	McKeesport.
Young, Alexander Davison, . . . . .	Morton.
Young, Lewis Ivans, . . . . .	Morton.
Young, Wilson Brainerd, . . . . .	Morton.
Zell, Sarah Jane, . . . . .	Westover, Md.

---

## S U M M A R Y.

---

### *Collegiate Department.*

Sophomores, . . . . .	22
Freshmen, . . . . .	29

### *Preparatory Department.*

Class A, . . . . .	76
Class B, . . . . .	75
Class C, . . . . .	59
Total, . . . . .	<u>261</u>



**STUDENTS FROM**

Pennsylvania, . . . . .	150
New York, . . . . .	42
New Jersey, . . . . .	36
Maryland, . . . . .	10
Ohio, . . . . .	8
Delaware, . . . . .	7
Indiana, . . . . .	3
California, . . . . .	2
Vermont, . . . . .	1
Rhode Island, . . . . .	1
Washington, D. C., . . . . .	1
Total, . . . . .	<u>261</u>



# SECTION I.

## ORGANIZATION.

IN the organization of this College, especial care is taken to offer every facility to those who wish to become proficient in **SPECIAL DEPARTMENTS**. Hence, Students, not candidates for degrees, may pursue their studies for a single term, or for a longer period, in any classes which they may be qualified to enter; and they shall be entitled to certificates of proficiency in any department in which they may have passed a satisfactory examination.

Candidates for degrees will be allowed a wide range of choice in the selection of their studies, and may obtain the first degree by a longer or shorter course, as explained in the next section.

Students of the Preparatory Department may be excused from the regular studies of their class, and substitute others in their stead, under the direction of the Faculty. Great care will be taken in adjusting the optional studies, and in deciding how many courses may be carried on at one time, both in the Collegiate and Preparatory Departments, to prevent idleness on the one hand, or superficial haste on the other.

## ADMISSION.

Applicants for admission to Class C will be examined in the elements of English Grammar, Reading, Spelling, Modern Geography, and in Arithmetic, through Decimal Fractions.

Candidates for classes A or B will be examined also in the studies of the classes below that which they propose to enter.

Candidates for admission to the Freshman Class will be examined in the ordinary English branches; also in Algebra, as far as Quad-

ratic Equations; in the first two books of Davies' Legendre's Geometry, or an equivalent; in Harkness' Latin Grammar and Reader, and the first two books of Caesar; and in the elements of French Grammar. For the examination in Latin or in French, an examination in the Elements of Chemistry, and Natural Philosophy, will be accepted as an equivalent.

Candidates for any higher class will be further examined in the studies of the course which precede those of that class; for which, however, *real* equivalents will be accepted.

Students, not candidates for a degree, are examined for entrance only in so far as to ascertain their ability to pursue the studies of the class or classes which they propose to enter.

Application for admission for the next school year should be made early to William Dorsey, No. 923 Market Street; Edward Hoopes, No. 1330 Buttonwood Street, Philadelphia, or to Edward H. Magill, Principal, at the College; and candidates must present themselves for examination at 12 o'clock, on Third-day, the 5th of the Ninth month, 1871.

No student shall be admitted without satisfactory testimonials of good moral character; and students coming from another college or school, should present a certificate of honorable dismissal from, and of good standing in, the institution left.

Applicants for admission to the Preparatory Department must be at least twelve years old.



## SECTION II.

### DEGREES.

IN order to become a candidate for the first degree, or the degree of A. B., the student must have pursued twelve annual courses, which comprise the studies of four years, with three studies in each year, and have passed satisfactory examinations therein, no examination in any course being deemed satisfactory, unless at least 25 per cent. of correct answers be given. Of these twelve courses, two, at least, must have been in Mathematics; one in English Language and Literature; one in History; one in Physics and Chemistry, and two in an ancient or a modern language. For the remaining studies, a selection may be made from the regular courses of such as are preferred.

The second degree, or the degree of A. M., will be given, in regular course, three years after graduation, to those students who, after leaving College, shall have devoted themselves to scientific or literary pursuits.

As already intimated in the previous section, the degree of A. B. may be obtained by a longer or shorter period of study, depending upon the number of branches pursued at one time. Under all ordinary circumstances, three studies at once will be found quite sufficient, thus occupying with the course the usual period of four years. In cases of great ability or remarkable application, this time may be shortened; but the cases are very rare where such a shortening of the course is not of at least questionable utility. The Faculty and Instruction Committee, at all times, reserve the right to increase or diminish the number of studies pursued, if such diminution or addition of labor will, in their opinion, be for the advantage of the student.

## SECTION III.

---

### COURSES OF STUDY.

THE courses of study pursued in the Collegiate\* and Preparatory Departments during the present year embrace the following subjects:—

#### I. MATHEMATICS.

Arithmetic, Oral and Written,	Surveying,
Algebra,	Plane and Spherical Trigonometry, Conic Sections.
Geometry,	

#### II. CHEMISTRY.

Theoretical Chemistry, by Text-books and Lectures.  
Practical Chemistry in the Laboratory.

#### III. ENGLISH LITERATURE.

This course includes Spelling, English Grammar and English Composition, and a general knowledge of the English Language and its Literature.

#### IV. ELOCUTION.

Reading,		Declamation.
----------	--	--------------

#### V. HISTORY.

History of the United States,	History of Greece,
History of England, -	History of Rome.

#### VI. NATURAL PHILOSOPHY.

This course is taught both by Text-books and Lectures.

---

\* It will be borne in mind that, as the College has been organized but two years, this course goes no higher than the studies of the Sophomore Class.

**VII. NATURAL HISTORY.**

Mineralogy,	Zoology,
Botany,	Anatomy and Physiology.

This course is taught at present principally by Lectures.

**VIII. GEOGRAPHY.**

Political Geography,		Physical Geography.
----------------------	--	---------------------

**IX. ANCIENT LANGUAGES.*****LATIN.***

Grammar,	Cæsar,
Reader,	Virgil,

Latin Prose Composition.

***GREEK.***

Grammar,		Anabasis.
----------	--	-----------

**X. MODERN LANGUAGES.*****FRENCH.***

First Lessons,		Prose and Poetry,
Grammar,		Paul et Virginie,
Reader,		Corinne.

***GERMAN.***

Grammar,	Minna von Barnhelm,
Reader,	Hermann und Dorothea,
Aus dem Leben eines Taugenichts,	Mustersammlung deutscher Gedichte.

**XI. PENMANSHIP.**

Spencerian System.

**XII. DRAWING.**

Free-hand Drawing,		Mechanical Drawing.
--------------------	--	---------------------

**XIII. PHONOGRAPHY.**

Corresponding Style,		Reporting Style.
----------------------	--	------------------

## TEXT-BOOKS.

The following is a list of the Text and Reference Books used in the various Departments :—

### I. MATHEMATICS.

Brooks' Elementary Arithmetic.  
 Brooks' Oral Arithmetic.  
 Brooks' Written Arithmetic.  
 Alsop's Algebra.  
 Davies' Legendre.  
 Gummere's Surveying.  
 Lewis' Plane and Spherical Trigonometry.

### II. CHEMISTRY.

Youman's New Chemistry.  
 Roscoe's Lessons in Elementary Chemistry.  
 Cooley's Chemistry.  
 Inorganic Chemistry. (Eliot and Storer.)  
 Craft's Qualitative Analysis.  
 Qualitative Chemical Analysis. (Eliot and Storer.)  
 Table of Reactions for Qualitative Chemical Analysis. (H. B. Nason.)

### III. ENGLISH LITERATURE.

Brown's First Lines of English Grammar.  
 Brown's Institutes of English Grammar.  
 Brown's Grammar of Grammars.  
 Leach's Speller.  
 Worcester's Dictionary.  
 Webster's Dictionary.

'Thomas' Universal Pronouncing Dictionary of Biography and Mythology.

Collier's English Literature.

Shaw's Manual of English Literature.

Wheeler's Dictionary of the Noted Names of Fiction.

#### IV. READING.

Kay's Progressive Reader, No. 1.

“ “ “ No. 2.

National Third Reader.

Hillard's Fifth and Sixth Readers.

Murdock's Vocal Culture.

#### V. HISTORY.

Goodrich's History of the United States.

Seavey's U. S. History.

Summary of American History.

Goodrich's History of England.

Anderson's “ “

Bloss's Ancient History.

Edwards' Summary of English History.

Smith's History of Greece.

Liddell's History of Rome.

The Student's Gibbon.

Hole and Wheeler's Biographical Dictionary.

Appleton's Biography.

Blake's Biographical Dictionary.

#### VI. NATURAL PHILOSOPHY.

Cooley's Natural Philosophy.

#### VII. NATURAL HISTORY.

Medlock's Wonders of Nature.

Wood's Class-Book of Botany.

Gray's Structural and Systematic Botany.



## VIII. GEOGRAPHY.

Mrs. Hall's "Our World."

Guyot's Atlas.

Mitchell's Atlas.

McNally's "

Kiepert's Atlas Antiquus.

Long's Classical Atlas.

Mitchell's English County Chart.

Warren's New Physical Geography.

Thomas and Baldwin's Pronouncing Gazetteer.

## IX. LATIN AND GREEK.

Harkness' Elementary Latin Grammar.

" Latin Grammar.

" " Reader.

" " Composition.

" Cæsar's Commentaries.

Hanson's Latin Prose.

" " Poetry.

Chase's Virgil.

Andrew's Latin-English Lexicon.

Bullion's " " Dictionary.

Xenophon's Anabasis.

Sophocles' Greek Lessons.

" " Grammar.

Liddell and Scott's Greek-English Lexicon.

Anthon's Greek and Roman Antiquities.

Smith's Classical Dictionary.

## X. FRENCH AND GERMAN.

Chouquet's First Lessons.

Magill's French Grammar.

" " Reader.

Magill's French Prose and Poetry.

Grammaire Française de Noël et Chapsal.

Spiers and Surenné's French Dictionary.

Bescherelle's Dictionnaire National.

Otto's Beginning German.

Whitney's German Grammar.

Adler's German Reader.

“ “ Dictionary.

Aus dem Leben eines Taugenichts. (Eichendorff.)

Minna von Barnhelm. (Lessing.)

Hermann und Dorothea. (Goethe.)

Mustersammlung deutscher Gedichte. (Keller.)

### XIII. PHONOGRAPHY.

Graham's Hand-Book of Phonography.

Graham's Phonographic Dictionary.



## SECTION IV.

### GENERAL REMARKS.

A distinguishing feature of this College is the great care which has been taken to secure the personal comfort and social interests of all.

Attention is paid to preserving the health and strength of the students. Regular daily exercise in the open air is insisted upon ; for which the extensive grounds connected with the College afford great facilities. A large room is appropriated to the girls as a play-room and for light gymnastics ; and a spacious and well-appointed gymnasium for the boys will be completed before the close of the present school year. The building is thoroughly ventilated and well warmed. Baths supplied with hot and cold water are daily accessible to the students.

Students of both sexes, under the supervision of the officers of instruction and government, are associated as in a well-regulated family, and the experience of the last two years has proved their influence upon each other to be highly beneficial.

The labors of each day are terminated by a general meeting for reading selected portions of Scripture and other suitable books, followed by a period of silence before retiring for the night.

On First-day morning, a religious meeting is held, attended by the students, teachers and members of the household.

Students should be supplied with six towels, six table-napkins, two clothes-bags, a wrapper, slippers and umbrella, together with the requisite toilet articles. Every article must be marked with the full name of the owner.

Students, before coming to the College, should visit a dentist, in order to avoid one of the most common causes of interruption in study.

Students are not allowed to receive visitors on the first day of the week, and must not be disturbed in their studies or recitations at any time.

Commemoration Day is the last Fourth-day of the Sixth month. The school year commences ten weeks thereafter, and continues forty-two weeks. Besides the vacation of ten weeks in summer, there will be two vacations of one week each during the school year, and two others of two days each. Permission to enjoy the vacations of two days each will only be granted upon the written request of parents or guardians. Students are not expected to return home at other times, except in cases of sickness or domestic affliction.

The name of the station at the College, upon the Philadelphia and West Chester Railroad, has been changed to Swarthmore, and a Post Office and Adams Express Office of the same name have been established there.

The price of board and tuition, including all the branches taught in the College and Preparatory School, is \$350 a year, one-half payable in advance, and the remainder on the first day of the Second month. This sum includes the use of books, and those who wish to retain them will be furnished with them at wholesale prices.

Day scholars will pay \$200 per year, one-half payable in advance, and the remainder on the first day of the Second month. This includes dinner with the resident students and the use of books.

There will be *no extra charges*, but students will buy their own stationery; those pursuing the study of Practical Chemistry will pay for the chemicals which they use in the Laboratory; and a charge will be made for the abuse of books or other College property. Payments are to be made, by check or draft, to the order of William Canby Biddle, Treasurer, payable at No. 509 Commerce Street, Philadelphia.



C7